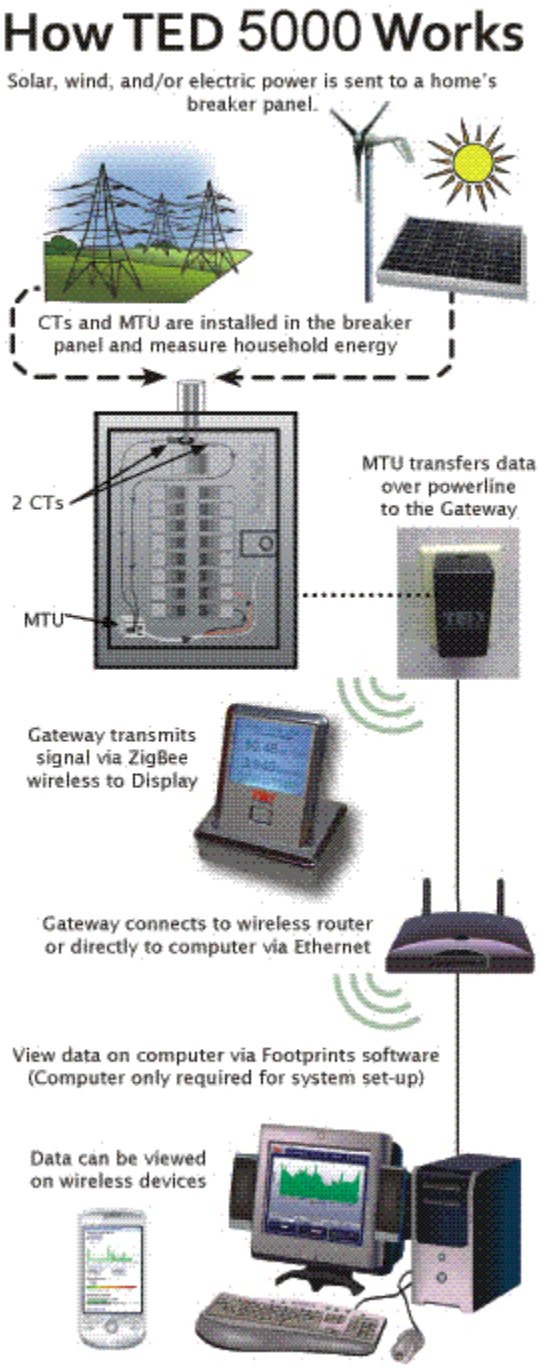
TED 5000 FAQ



Q. How does TED 5000 work?

A. Simply speaking, the MTU (Measuring Transmitting Unit) measures and transmits Energy, Power, and Voltage to the GATEWAY, the heart of TED 5000. The Gateway plugs into any

outlet in the home, receives and stores data from the MTU; the Gateway transmits data wirelessly to the DISPLAY at user-defined intervals. The GATEWAY connects to the computer via Ethernet for programming/Internet access, as well as downloading detailed energy usage data.

Q. What do "MTU" and "CTs" stand for?
A. These two components are mounted in the electric panel and do the 'sensing' part of TED. **"MTU"** stands for 'Measuring Transmitting Unit.' It is the device that - measures and transmits - the energy data to the TED Gateway. **"CTs"** stand for 'Current Transformers.' They are used to actually pick up the smallest change in energy use.

Q. Is TED 5000 wireless?
A. Yes, the display is wireless (ZigBee). Reception range is 300' line-of-sight.

Q. What Operating Systems does TED 5000 work on?
A. TED 5000 will work on a Windows PC, Mac or Linux computer. Supports Firefox, Internet Explorer, Safari, Chrome, Opera, and Konquer.

Q. Does TED 5000 work with Google PowerMeter?
A. Yes, all TED 5000 versions are Google PowerMeter compatible.

Q. Do you plan to publish the API for TED 5000?
A. Yes. The API is available for 3rd party developers.

Q. Does TED 5000 have batteries to change?
A. No batteries to change. The display has a lithium rechargeable battery.

Q. Does TED 5000 require regular maintenance?
A. No. After initial setup, TED 5000 is totally maintenance-free. All month-end and interim functions are automatic.

Q. Is data lost on power outage?
A. No. Data is stored in non-volatile memory.

Q. Is TED 5000 technology patented?
A. Yes, the technology and design used in TED 5000 are patented and proprietary.

Q. Can TED 5000 perform net-metering?
A. Yes. With the optional Solar/Wind package, TED 5000 can perform NET-METERING; also provides detailed data for both load and generation.

Q. Will the TED 5000 handle multi-panel homes?
A. Yes. There is a TED 5000 model available to handle multiple electrical panels.

Q. How much detailed data is stored in TED 5000?
A. The stored data is exportable to the computer at any time, however, the GATEWAY stores 60

minutes of SECONDS, 2 days of MINUTE-data, 90 days of HOURLY-data, 24 months of DAILY-data, and 10 years of MONTHLY-data.

Q. How do I view the data?
A. Graphs/charts/detailed data are immediately seen on a computer using the Footprints software. Detailed data can also be downloaded in .CSV format at any time and displayed using Excel or any spreadsheet application.

Q. Can data be viewed remotely?
A. Yes, data can be viewed via the Internet or any mobile device.

Q. How easy is it to program TED 5000?
A. Very simple. TED 5000 is programmed using a computer. The user is presented with very simple, intuitive screens to complete setup. Subsequent changes can be made at any time via computer.

Q. How sensitive is TED 5000?
A. The user can adjust the sensitivity down to **ONE-watt !**

Q. How accurate is TED 5000?
A. TED 5000 is calibrated to be accurate to within 2%.

Q. Does TED 5000 measure True Power?
A. Yes, TED 5000 takes into account Power Factor and displays true RMS real power and apparent power (displays PF, too!).

Q. Can TED 5000 measure individual circuits?
A. While TED 5000 is designed to monitor the entire home, it can easily measure any feeder or branch circuit. An additional MTU/CTs can be connected (IN ADDITION to the existing setup) to collect data independently on any circuit.

Q. Can TED 5000 accommodate sophisticated rate scenarios?
A. Yes. TED 5000 can accommodate any monthly rate structure - from fixed rates, tiered rates, time-of-use, demand rates, seasonal (4 seasons), weekend/holiday, and any blend of the former.

Q. I have a TED 1000-series. Can I use the same components with a TED 5000?
A. No. While the components are similar, TED 5000 is technologically more advanced and includes specifically-designed hardware.

Q. Will TED 5000 support 3-phase electrical service?
A. We plan to have a 3-phase TED available by June/July 2010.

Q. Will TED 5000 work in 230V/50Hz electrical infrastructure (like Europe/Australia)?
A. Not at the present time. We hope to have it available by Aug/Sep 2010.